

# Mathematical Reflections

## 1

**T**he problems in this investigation asked you to think about variables and the patterns relating the values of variables. You made tables and graphs to show how different variables are related. The following questions will help you summarize what you have learned.

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Think about your answers to these questions. Discuss your ideas with other students and your teacher. Then write a summary of your findings in your notebook.

1. Describe the steps you would take in making a graph to show the relationship between two related variables.
2. How do you decide which variable should be on the  $x$ -axis and which should be on the  $y$ -axis?
3.
  - a. What are the advantages and disadvantages of representing a relationship between variables in a table?
  - b. What are the advantages and disadvantages of representing a relationship between variables in a graph?
  - c. What are the advantages and disadvantages of describing a relationship between variables in a written report?